

Federal NMP Requirements – 122.42(e)(1)	NYSDEC Example ANMP
(i) Ensure adequate storage of manure, litter, and process wastewater, including procedures to ensure proper o & m of the storage facilities;	<p>Pages 7 – 11; calculations demonstrating annual manure production for storage (all sources including manure, bedding, process wastewater, rainfall, etc.). Calculations also include animal production data based on various inputs (e.g. calves, heifers, mature cows, etc.). Dimensions of storage are provided, along with slope, freeboard and capacity as well as days of storage.</p> <p>The O&M procedures are not included. We discussed this during the June meeting, therefore, they should be incorporated.</p>
(ii) Ensure proper management of mortalities (i.e. dead animals) to ensure that they are not disposed of in a liquid manure, storm water, or process wastewater storage or treatment system that is not specifically designed to treat animal mortalities;	<p>Location of composting area identified on map; narrative indicates that facility renders mortalities. However, plan provides for composting in the event rendering services are unavailable. (see pages 26 - narrative & 16 - map)</p>
(iii) Ensure that clean water is diverted, as appropriate, from the production area;	<p>Stormwater management (p. 26) narrative in plan states that there are several measures in place on farm – e.g. tile lines and drip trenches. Indicated that there was a map with a detailed view of storm water management in place.</p> <p>Farmstead overview map illustrates leachate transfer lines, milkhouse wastewater transfer lines, manure transfer lines (Main Facility); manure flow paths (Calf Facility). In addition, the Farmstead Plan (p. 22 – 27) provides a narrative of waste flows at various sources (manure storages, feed storage areas, etc.).</p> <p>The map showing what BMPs were in place or how clean water is diverted from the production area is not included. Add map.</p>
(iv) Prevent direct contact of confined animals with waters of the United States;	<p>The ANMP needs to include a statement to this effect.</p>
(v) Ensure that chemicals and other contaminants handled on-site are not disposed of in any manure, litter, process wastewater, or storm water storage or treatment system unless specifically designed to treat such chemicals and other contaminants;	<p>Certifications from both the planner and facility stating that the ANMP complies with NRCS 590.</p>
(vi) Identify appropriate site specific conservation practices to be implemented, including as appropriate buffers or equivalent practices, to control runoff of pollutants to waters of the United States;	<p>Setbacks identified on field maps (100' buffers) on p. 28-48; maps also identify wells.</p>

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(vii) Identify protocols for appropriate testing of manure, litter, process wastewater, and soil;	<p>Soil test results referred to in several portions of ANMP (New Seeding Planner, Corn Planner, Mixed Forage Planner, Idle Land). Soil sample report summary provided on p. 163 – 169. Summary includes field name, date (year) of sample and results for pH, P, K, Mg, Ca, Mn, Zn, Fe, Al, OM. Statement @ end of summary states how testing methodology was done.</p> <p>Manure analysis results need to be included in ANMP</p>
(viii) Establish protocols to land apply manure, litter, process wastewater in accordance with site specific nutrient management practices that ensure appropriate agricultural utilization of the nutrients in the manure, litter or process wastewater; and	<p>P. 49 – 67 appears to be maps of planned crops; p. 68-70 is the spring and summer manure plan with field IDs, manure source, manure recommendation (gal/ac) and timing.</p> <p>ANMP also identifies commercial fertilizer recommendations (pages 71-74).</p> <p>An overall summary with both manure and fertilizer recommendations for various fields is provided via the planner tool on pages 75 – 147, including method of application.</p> <p>The Plan should include expected yields.</p> <p>The Plan references chicken litter, but ANMP does not state from where or how the chicken litter is sourced. It appears that the litter is imported from an outside source as the ANMP does not indicate that there are chickens on-site.</p> <p>There is only reference to NLI; Include a reference to P Index ratings.</p>
(ix) Identify the specific records that will be maintained to document the implementation and management of the minimum elements described in paragraphs (e)(1)(i) through (e)(1)(viii) of this section.	<p>The records are not identified in ANMP. Include a list of records that need to be maintained. Please note that at the June meeting NYSDEC committed to creating a table of the minimum required records.</p>